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## 1 [Extending Java for high-level Web service construction](#)



Aske Simon Christensen, Anders Møller, Michael I. Schwartzbach

November 2003 **ACM Transactions on Programming Languages and Systems (TOPLAS)**, Volume 25 Issue 6

Publisher: ACM Press

Full text available: [pdf\(947.02 KB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

We incorporate innovations from the <bigwig> project into the Java language to provide high-level features for Web service programming. The resulting language, JWIG, contains an advanced session model and a flexible mechanism for dynamic construction of XML documents, in particular XHTML. To support program development we provide a suite of program analyses that at compile time verify for a given program that no runtime errors can occur while building documents or receiving form input, and ...

**Keywords:** Interactive Web services, XML, data-flow analysis

## 2 [Session 4: Behavior3D: an XML-based framework for 3D graphics behavior](#)



Raimund Dachzelt, Enrico Rukzio

March 2003 **Proceeding of the eighth international conference on 3D Web technology**

Publisher: ACM Press

Full text available: [pdf\(3.45 MB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

Success of 3D applications on the Web inherently depends on object behavior and interaction. Current Web3D formats often fall short in supporting behavior modeling. This paper introduces a flexible concept for declaratively modeling 3D object behaviors. Based on Extensible 3D (X3D) a node concept is suggested with object-oriented features such as inheritance, strong typing, and polymorphism. An XML-based language *Behavior3DNode* serves the interface definition of new nodes. Their implement ...

**Keywords:** Contigra, Extensible 3D (X3D), SMIL, XML-Schema, animation, behavior language, dynamic grammar, object behaviors

## 3 [Flexible consistency checking](#)



Christian Nentwich, Wolfgang Emmerich, Anthony Finkelstein, Ernst Ellmer

January 2003 **ACM Transactions on Software Engineering and Methodology (TOSEM)**, Volume 12 Issue 1

Publisher: ACM Press

Full text available: [pdf\(1.94 MB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

The problem of managing the consistency of heterogeneous, distributed software engineering documents is central to the development of large and complex systems. We



## WebViews: accessing personalized web content and services

**Full text** Pdf (306 KB)

**Source** [International World Wide Web Conference archive](#)  
**Proceedings of the 10th international conference on World Wide Web** [table of contents](#)  
 Hong Kong, Hong Kong  
 Pages: 576 - 586  
 Year of Publication: 2001  
 ISBN:1-58113-348-0

**Authors** [Juliana Freire](#)  
[Bharat Kumar](#)  
[Daniel Lieuwen](#)

**Sponsors** [SIGWEB](#): ACM Special Interest Group on Hypertext, Hypermedia, and Web  
[SIGLINK](#): Hypertext, Hypermedia, and Web  
 IW3C2 : International World Wide Web Conference Committee

**Publisher** ACM Press New York, NY, USA

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## ↑ REFERENCES

Note: OCR errors may be found in this Reference List extracted from the full text article. ACM has opted to expose the complete List rather than only correct and linked references.

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- 2 [Brad Adelberg, NoDoSE—a tool for semi-automatically extracting structured and semistructured data from text documents, Proceedings of the 1998 ACM SIGMOD international conference on Management of data, p.283-294, June 01-04, 1998, Seattle, Washington, United States](#)
- 3 <http://www.amazon.com/anywhere>.
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- 8 [Hasan Davulcu , Juliana Freire , Michael Kifer , I. V. Ramakrishnan, A layered architecture for querying dynamic Web content, Proceedings of the 1999 ACM SIGMOD international conference on](#)



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
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## 1 [The FINITE STRING newsletter: Abstracts of current literature](#)

American Journal of Computational Linguistics Staff  
July 1981 **Computational Linguistics**, Volume 7 Issue 3

**Publisher:** MIT Press

Full text available:  pdf(2.42 MB)

Additional Information: [full citation](#)



[Publisher Site](#)

## 2 [Student session: A cascaded finite-state parser for syntactic analysis of Swedish](#)

Dimitrios Kokkinakis, Sofie Johansson Kokkinakis

June 1999 **Proceedings of the ninth conference on European chapter of the Association for Computational Linguistics**

**Publisher:** Association for Computational Linguistics

Full text available:  pdf(384.84 KB)

Additional Information: [full citation](#), [abstract](#), [references](#)



[Publisher Site](#)

This report describes the development of a parsing system for written Swedish and is focused on a grammar, the main component of the system, semiautomatically extracted from corpora. A cascaded, finite-state algorithm is applied to the grammar in which the input contains coarse-grained semantic class information, and the output produced reflects not only the syntactic structure of the input, but grammatical functions as well. The grammar has been tested on a variety of random samples of differen ...

## 3 [Spoken language systems II: Spoken language processing in the framework of human-machine communication at LIMS!](#)

J. Mariani

February 1992 **Proceedings of the workshop on Speech and Natural Language HLT '91**

**Publisher:** Association for Computational Linguistics

Full text available:  pdf(640.70 KB)

Additional Information: [full citation](#), [abstract](#), [references](#)

The paper provides an overview of the research conducted at LIMS! in the field of speech processing, but also in the related areas of Human-Machine Communication, including Natural Language Processing, Non Verbal and Multimodal Communication. Also presented are the commercial applications of some of the research projects. When applicable, the discussion is placed in the framework of international collaborations.

## 4 [Patterns of entry and correction in large vocabulary continuous speech recognition systems](#)



Clare-Marie Karat, Christine Halverson, Daniel Horn, John Karat

May 1999 **Proceedings of the SIGCHI conference on Human factors in computing systems: the CHI is the limit**



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## 21 [Getting Erlang to talk to the outside world](#)



Joe Armstrong

October 2002

**Proceedings of the 2002 ACM SIGPLAN workshop on Erlang**

Publisher: ACM Press

Full text available: [pdf\(125.52 KB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

How should Erlang talk to the outside world? --- this question becomes interesting if we want to build distributed applications where Erlang is one of a number of communicating components. We assume these components interact by exchanging messages --- at this level of abstraction, details of programming language, operating system and host architecture are irrelevant. What is important is the ease with which we can construct such systems, and the precision with which we can isolate faulty componen ...

## 22 [Joint session with UIST: Mutual disambiguation of 3D multimodal interaction in augmented and virtual reality](#)



Ed Kaiser, Alex Olwal, David McGee, Hrvoje Benko, Andrea Corradini, Xiaoguang Li, Phil Cohen, Steven Feiner

November 2003

**Proceedings of the 5th international conference on Multimodal interfaces**

Publisher: ACM Press

Full text available: [pdf\(369.73 KB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

We describe an approach to 3D multimodal interaction in immersive augmented and virtual reality environments that accounts for the uncertain nature of the information sources. The resulting multimodal system fuses symbolic and statistical information from a set of 3D gesture, spoken language, and referential agents. The referential agents employ visible or invisible volumes that can be attached to 3D trackers in the environment, and which use a time-stamped history of the objects that intersect ...

**Keywords:** augmented/virtual reality, evaluation, multimodal interaction

## 23 [Multimodal architectures and frameworks: A framework for rapid development of multimodal interfaces](#)



Frans Flippo, Allen Krebs, Ivan Marsic

November 2003

**Proceedings of the 5th international conference on Multimodal interfaces**

Publisher: ACM Press

Full text available: [pdf\(445.99 KB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

Despite the availability of multimodal devices, there are very few commercial multimodal applications available. One reason for this may be the lack of a framework to support